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From: Chan, Valerie
Sent: Thur 12/12/2013 3:18:04 PM
Subject: TCE, Benzene, and Vinyl chloride Chemical Concentration Contours , South Dayton Dump and
Landfill Site ~COR-038443-74~
[38443-74\(PATT009\)GN-WA025-TCE GW Contours.pdf](#)
[38443-74\(PATT009\)GN-WA026-Benzene GW Contours.pdf](#)
[38443-74\(PATT009\)GN-WA028-Vinyl chloride GW Contours.pdf](#)

Hello,

Please find attached shallow groundwater concentration contours for TCE, Benzene, and Vinyl chloride.

These figures have been prepared in order to present Phase IA results in the context of historic groundwater and VAS analytical results, as requested in USEPA's comments on the Proposed Monitoring Well and Vertical Aquifer sampling Locations – Phase 1B and 2A Proposal and as discussed during recent conference calls.

Concentrations protective of residential and industrial indoor air, USEPA Tapwater, and USEPA MCL values were used as the basis of the contours. Although VAS-9 contained the greatest on-Site concentration of TCE (5,100 µg/L) and vinyl chloride (760 µg/L) at a shallow depth interval of 27 to 32 feet below ground surface, this location was not included in the TCE or vinyl chloride contour figures because the VAS results were not supported by groundwater analytical data from permanent monitoring wells MW-215A and MW-215B.

Thank you,

Valerie

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